Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 23 Dec 2022 until 23:59 on Saturday 24 Dec 2022

Forecast Issued on Thursday 22 Dec 2022 at 12:20

Confidence: High for the general themes over the next few days with unsettled and changeable conditions. Some uncertainty in the timings of rain through Christmas Day and Boxing Day.

Headline for Friday 23 Dec 2022: Dry start then rain arriving in the morning. Freshening winds.

Mountain weather hazards on Friday 23 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
MIST	FOG	FOG					
Mist	Fog	Fog	Cloudy	Heavy Rain	Heavy Rain	Light rain	Cloudy
Precipitation probability							
10%	10%	10%	30%	80%	80%	80%	40%

Forecast for Friday 23 Dec 2022

Weather: Mainly dry with areas of mist and fog overnight. A dry but cloudy morning with areas of mist and fog, mainly in the east. Rain will spread north through the morning and last for the rest of daylight hours, turning heavy at times. Becoming drier and clearer from the south during the evening.

Chance of cloud-free hill tops above 600m: 60% at first, becoming 10% during morning.

Low cloud and visibility: Generally poor, hazy conditions with areas of low cloud and fog about in the morning but some summits may be clear. Visibility becoming poor at all levels as rain arrives with cloud and fog extensive above 300 or 400m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Friday 23 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/6 SW	6/9 E	11/16 E	17/24 E	19/27 E	20/27 E	15/22 SE	19/28 SW	19/29 SW
300	3/4 E	4/8 E	6/13 E	12/21 E	13/21 E	15/25 E	10/18 S	15/25 SW	13/24 SW
Valley	2/3 S	4/10 E	9/17 E	10/21 E	10/21 E	13/26 E	8/19 SE	9/22 SW	8/21 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/0	2/-0	2/-2	2/-4	2/-4	2/-4	3/-1	4/-2	4/-2
300	4/3	4/3	4/1	4/0	4/-0	4/0	6/2	6/2	6/2
Valley	4/3	4/2	4/1	4/1	5/1	5/1	6/3	6/4	6/3
Freezing Level*	1100m	1100m	1100m	1000m	1100m	1400m	1400m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather wet day across the Peak District on Friday with difficult navigation conditions. Feeling cold on the tops in the easterly breeze.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 22 Dec 2022	2.2mm	2.6mm	11.2mm

Forecast for Saturday 24 Dec 2022

Weather: Mostly dry with clear spells and patchy mist and fog overnight. A bright day with sunny spells and isolated showers but feeling rather cold on the tops with the fresh southerly breeze. Showers turning heavier and possibly thundery in the evening.

Maximum wind: South or Southwest 15 to 20mph with gusts 30mph.

Chance of cloud-free hill tops above 600m: 70%.

Low cloud and visibility: Patchy fog in the valleys at first, slow to lift. Otherwise, mainly good visibility away from cloud but brief deteriorations in any showers with isolated patches of fog and low cloud above 500m.

Temperature: **Valleys:** Plus 5C rising to 8 or 9C.
At 600m: Plus 3 or 4C.
Freezing level: Above summits.

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